project-tech

Docs, Git & Building

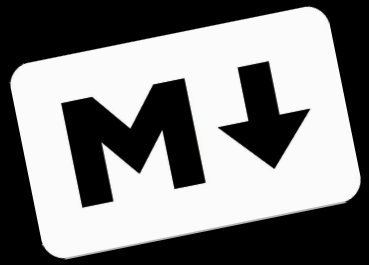
lab 2/8

Stand-up!

Show what you did

today

I. ~~Stand up~~
II. Docs & markdown
III. Git & CLI
IV. Building



Docs

markdown

description

Markdown is a lightweight **markup language** for creating formatted text using a plain-text editor. [...] Markdown is widely used in blogging, collaborative software and documentation pages.

wikipedia.org

~/example.md

```
# Level 1 heading

## Level 2 heading

### Level 3 heading

##### Level 5 heading

###### Level 6 heading

A normal paragraph

* An
* Unordered
* List

1. An
2. Ordered
3. List
```

~/example.html

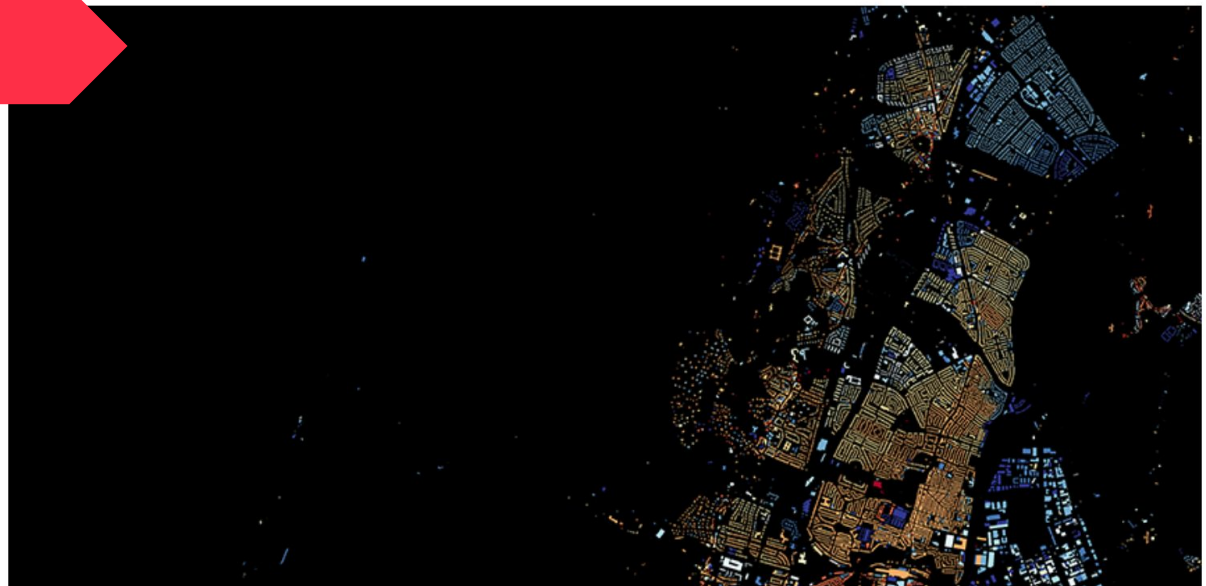
```
<h1>Level 1 heading</h1>

<h2>Level 2 heading</h2>

<h3>Level 3 heading</h3>

<h4>Level 5 heading</h4>

<h5>Level 6 heading</h5>

<p>A normal paragraph</p>

<ul>
  <li>An</li>
  <li>Unordered</li>
  <li>List</li>
</ul>
```

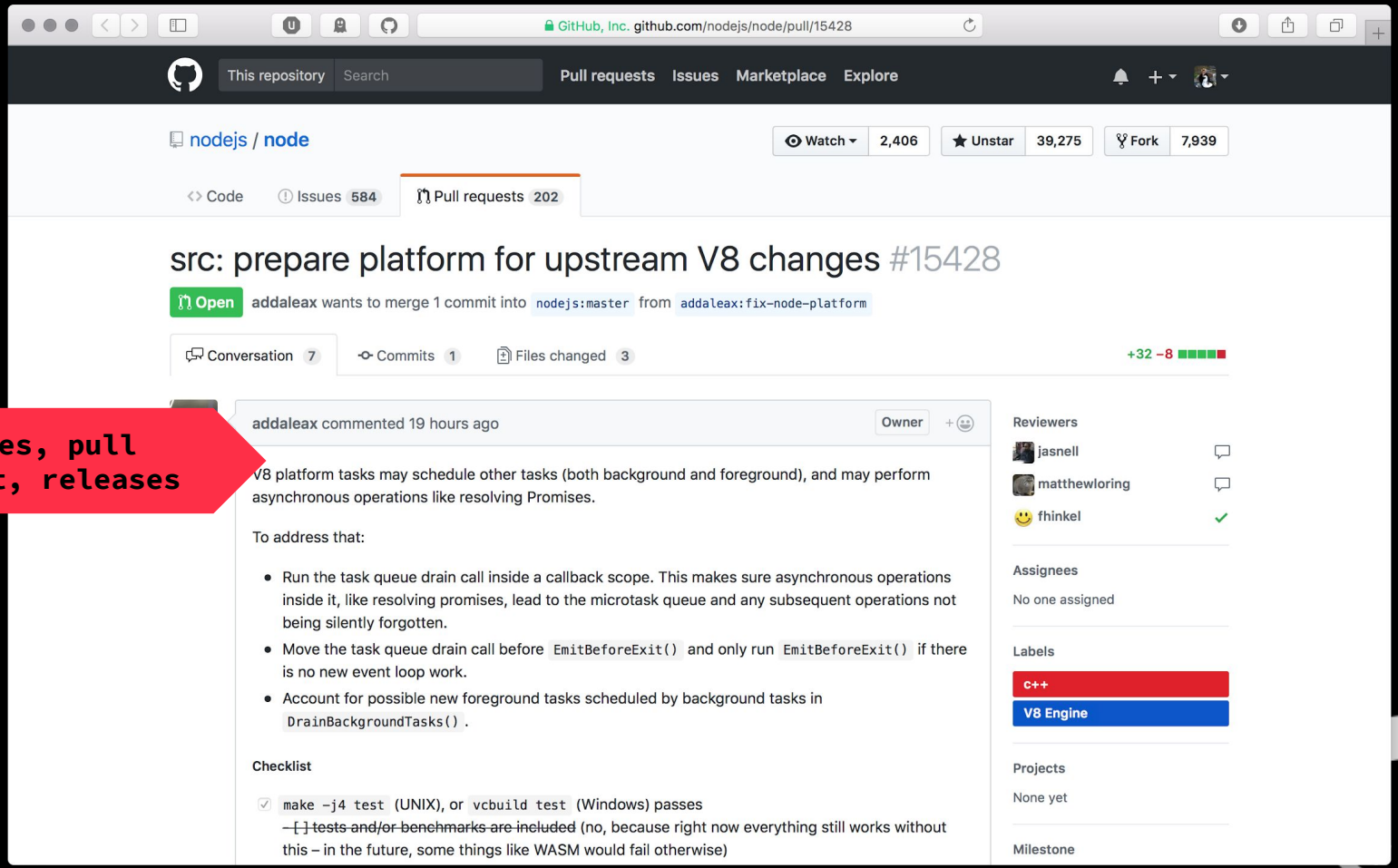
readme.md

Buildings by year of construction

View map on http://code.waag.org/buildings.

Map showing all 9,866,539 buildings in the Netherlands, shaded according to year of construction. Data from BAG, via CitySDK. Map made with TileMill by Bert Spaan, Waag Society, inspired by BKLYNR.





Issues, pull request, releases

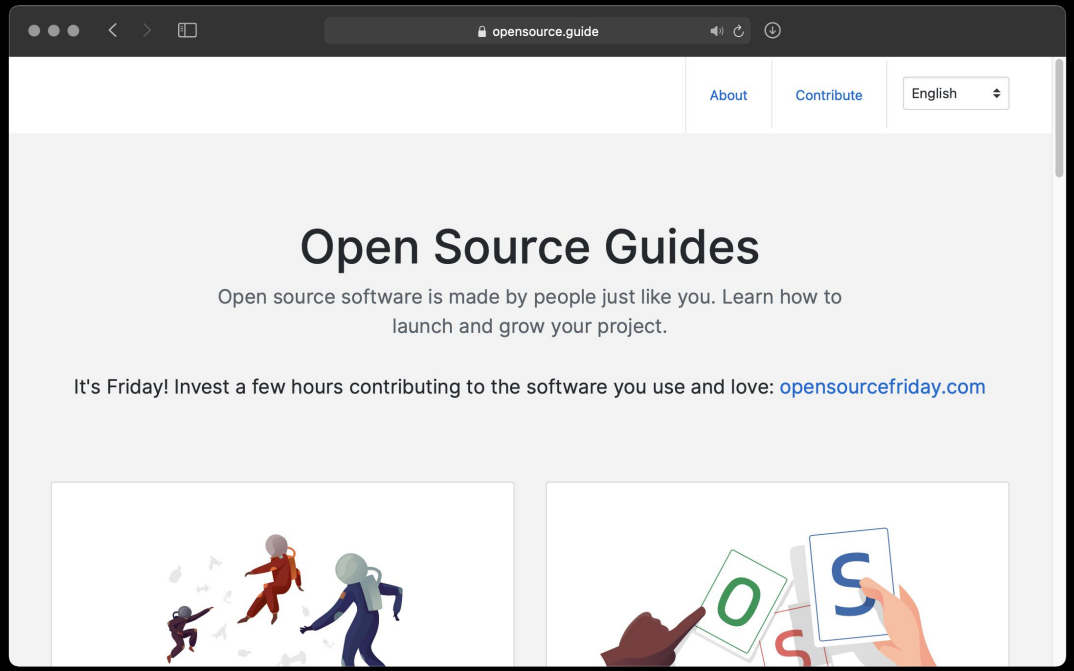
Assignment (±20m)

Search for popular repository on GitHub and look at their readme’s.

- What do they all have in common?
- How are they structured?

docs

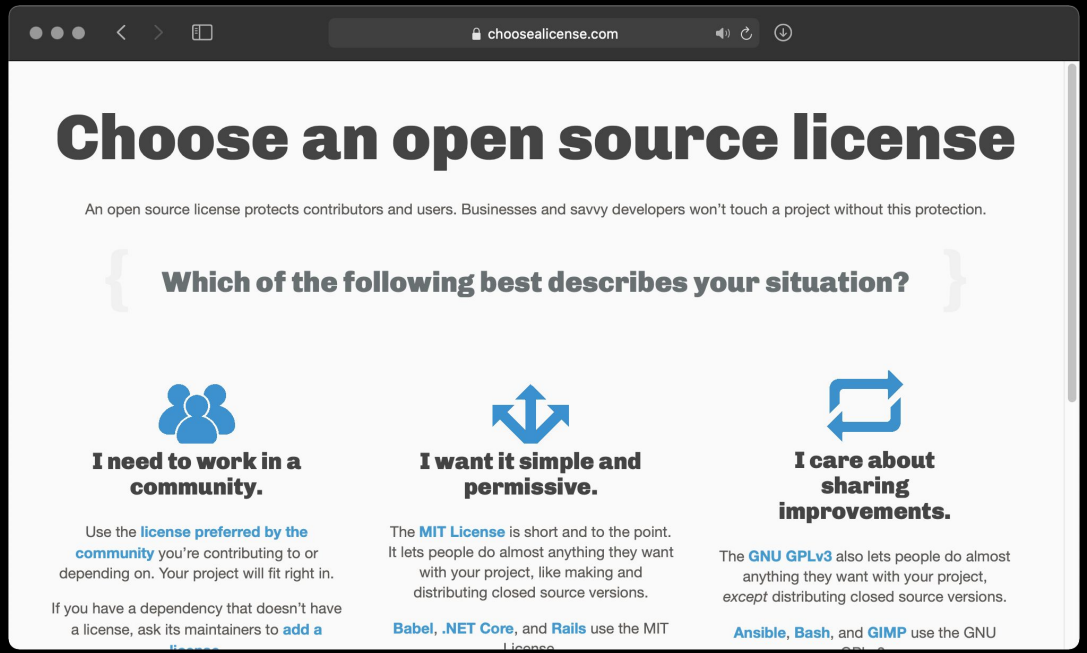
community



Community Files; opensource.guides

docs

open



choosealicense.com

docs

open-source

Open source is a source code that is made freely available for possible modification and redistributions. Products include permission to use the source code.

wikipedia.org

docs

gratis

The English adjective free is commonly used one of two meanings; “for free” (gratis) and “with little or no restriction” (libre).

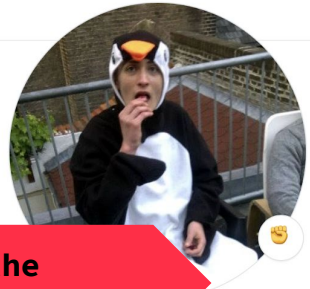
Think free as in free speech, not free beer.

wikipedia.org

Support the maintainers

github.com/wooorm

Search or jump to... / Pull requests Issues Marketplace Explore



Overview | Repositories 169 | Projects | Packages | Sponsoring 6

Titus

wooorm

Making it easier for developers to develop · core team **@unifiedjs** · full-time OSS · syntax trees, markdown, markup, natural language

Unfollow

1.6k followers · **430** following · **1.2k**

Pinned

micromark/micromark
the smallest commonmark compliant markdown parser that exists; new basis for @unifiedjs (hundreds of projects w/ billions of downloads for dealing w/ content)
JavaScript ☆ 757 22

micromark/common-markup-state-machine
CMSM: Common markup state machine
JavaScript ☆ 29

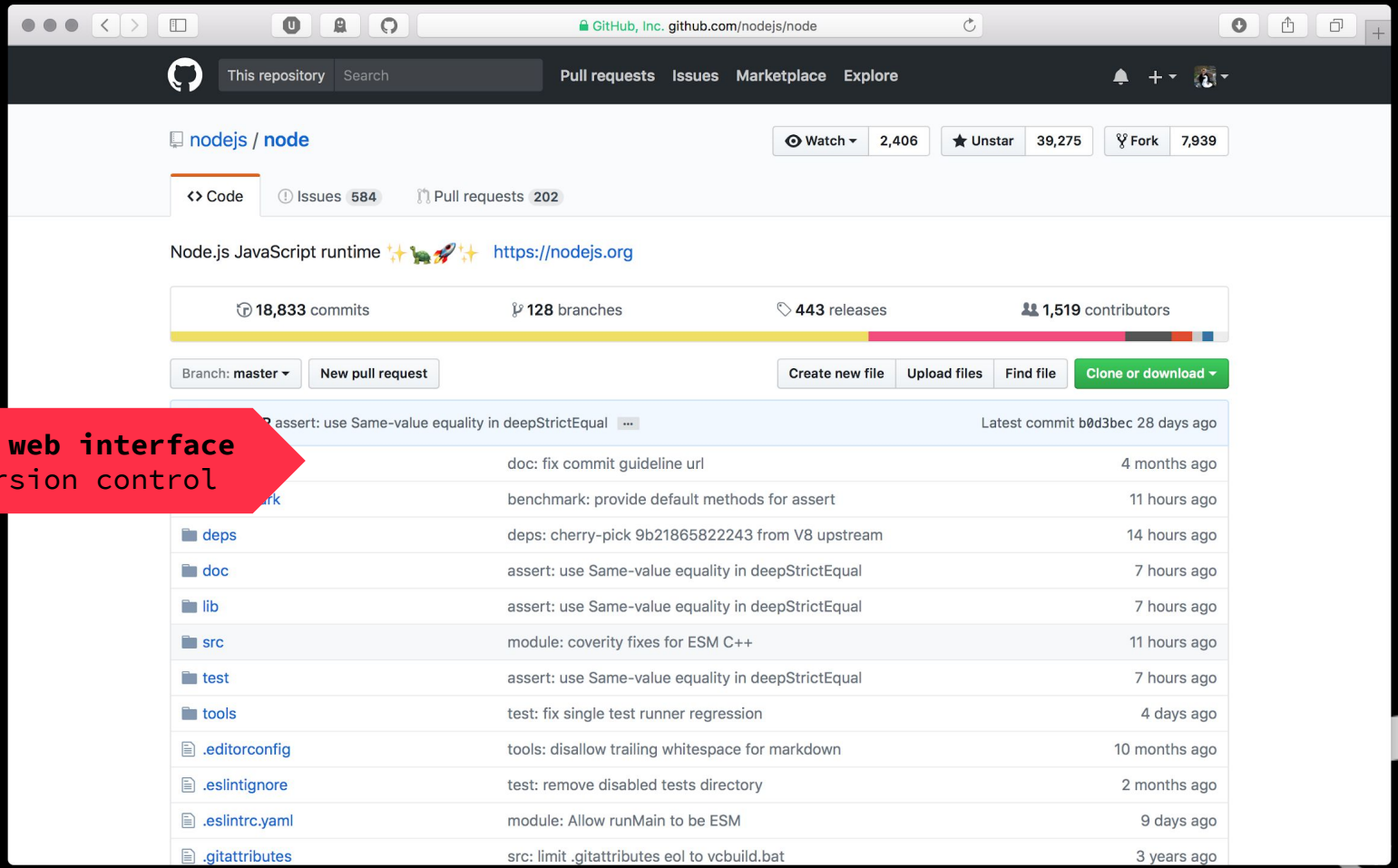
unifiedjs/unified
interface for parsing, inspecting, transforming, and serializing content through syntax trees
JavaScript ☆ 2.4k 70

remarkjs/remark
Markdown processor powered by plugins part of the @unifiedjs collective
JavaScript ☆ 3.7k 240

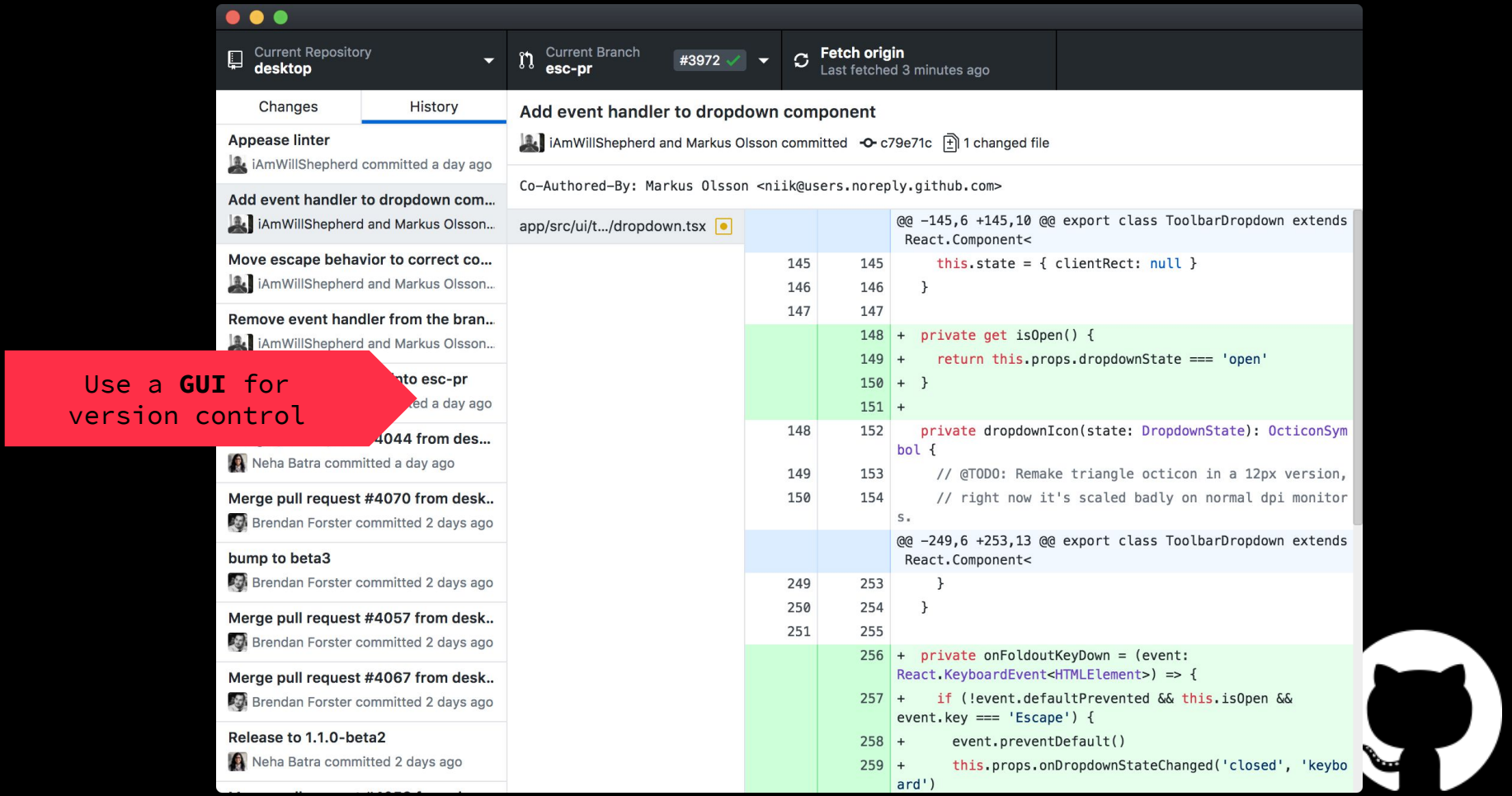
retextjs/retext
natural language processor powered by plugins part of the @unifiedjs collective
JavaScript ☆ 2k 102

rehypejs/rehype
HTML processor powered by plugins part of the @unifiedjs collective
JavaScript ☆ 604 37

Git



Use the **web interface** for version control

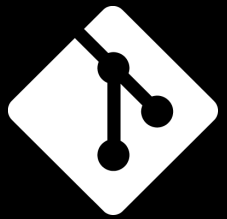


Use a **GUI** for version control

bash

```
[examples] $ git init

Initialized empty Git repository in
/Users/tilde/projects/oss/examples/.git/

[examples] $ echo "Hello World!" > readme.md

[examples] $ git add --all

[examples] $ git commit --message "Add readme"

[master (root-commit) 0ee1887] Add readme
 1 file changed, 1 insertion(+)
 create mode 100644 readme.md

[examples] $
```

Use the **CLI** for version control

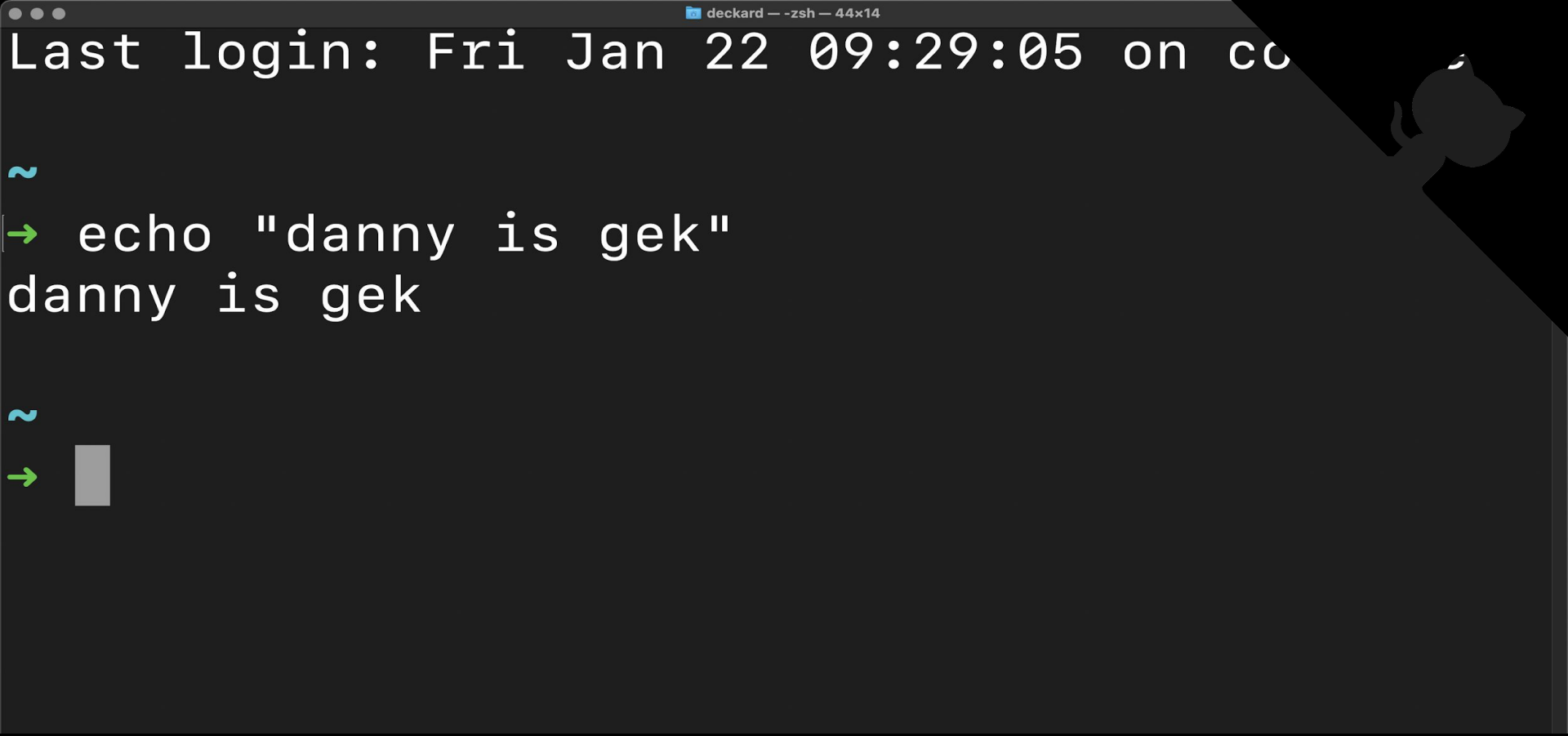


git

cli

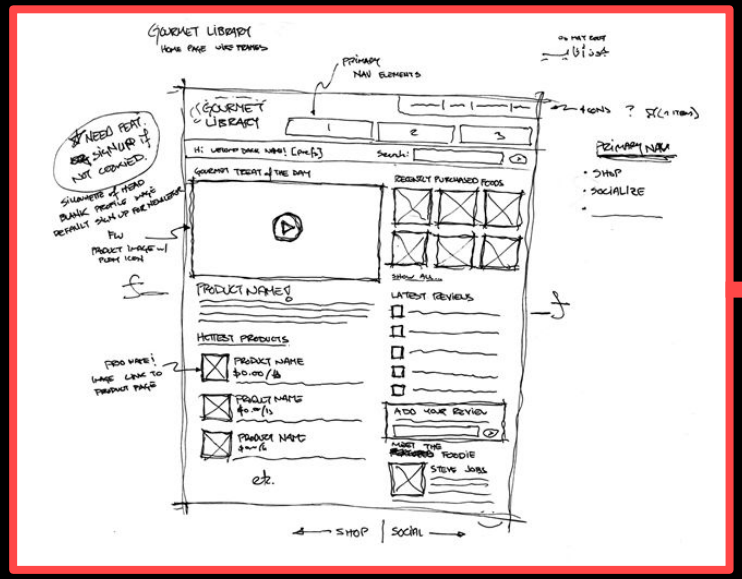
Benefits of using the CLI;

- **Faster**; and developers like speed
- **Integration**; often integrated into the editor
- **Possibilities;** commands and options

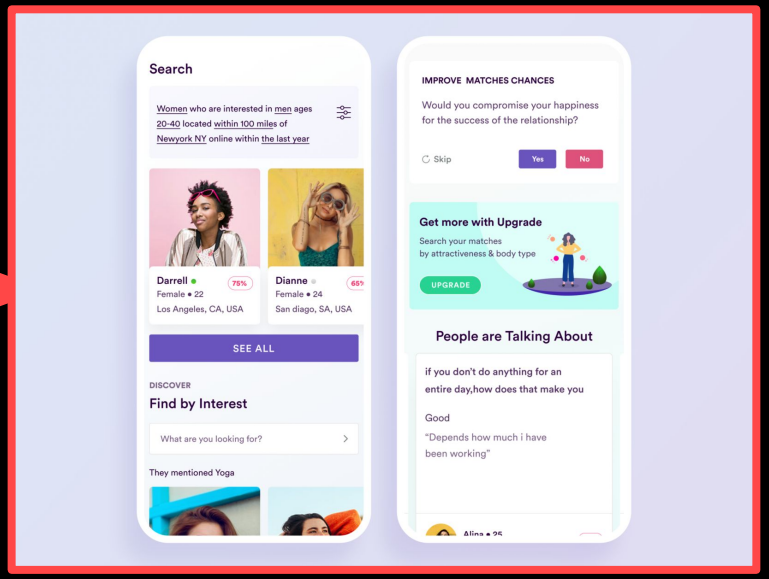


live demo **Git Terminal**

Building



wireframe



prototype

feature

static

1. Turn your wireframe into static HTML pages

Do a HTML breakdown of your wireframe and use semantic HTML as learned in previous courses.

Note: Use the templating engine from back-end. So no ‘plain’ old HTML. Otherwise you’ll have to re-write everything later.

feature

design

2. Ass presentational styles

Use CSS to set-up some basic styles. Think about colors, fonts, lay-out etc.

feature

states

3. Add states and interactivity

Make it feel like an actual webpage. Add states to interactive elements like forms, buttons etc. Maybe some animation?

Building

building

> Start building out the interface (html & css) of your matching-app feature.

Synopsis

- **Time**: 6:00h
- **Due**: before week 3

Assignment

Based on the concept, job story, requirement list and wireframe from the previous week start building out the front-end of the feature you are going to make for the matching-application. You can build the interface with the **templating engine** as you learned in back-end as opposed to 'plain' HTML & CSS.

- Turn your wireframe **into HTML pages**. Do a HTML breakdown of your wireframe and use semantic HTML as learned in previous courses.

work on **docs, git & building**

exit;

see you in lab-3!